SIREL SMD (Ex)

RS485   120

ColorPlus (Ex)

	Kabel Farbe / Cable color		Klemmen Farbe / Terminal color
25 B'	I/O		
24 A'	I/O		
23 B	I/O	gelb/yellow	4 dunkelgrau/dark grey
22 A	I/O	weiss/white	3 hellgrau/light grey
21 24VDC	O	braun/brown	2 blau/blue
20 GND	C	grün/green	1 orange

U_{24} I_{24}

I_0 U_0

| 19 mA 1 + | O |
| 18 mA 1 − | O |

R_L

| 33 mA 2 + | O |
| 32 mA 2 − | O |

R_L

I_0 U_0

S1/1   100

| 17 GND ST | C |
| 16a ADJ | I |

U_{EXT2}

2.2k

16 MR In 1 2^2	I
15 MR In 1 2^1	I
14 MR In 1 2^0	I
31 MR In 2 2^2	I
30 MR In 2 2^1	I
29 MR In 2 2^0	I

(7x)

R_{ON} /R_{OFF}

U_{EXT1}

U_5

13 MR Out 1 2^2	O
12 MR Out 1 2^1	O
11 MR Out 1 2^0	O
28 MR Out 2 2^2	O
27 MR Out 2 2^1	O
26 MR Out 2 2^0	O
10 +5V ST	O

I_5

(6x)

I_L

9	C
8 Rel. 2	I/O
7	I/O
6	C
5 Rel. 1	I/O
4	I/O

I_{DC}, I_{AC}, U_{DC}, U_{AC}, P_{DC}, S_{AC}

2x2AF

PSU

3 N	I
2 P	I
1 ⏚	C
36 N	O
35 P	O
34 ⏚	C

u_P, P, f

I = Input
O = Output
C = Common

Parameter	min.	typ.	max.	Unit
U_S	4.75	5.0	5.25	VDC
I_S			50	mA
U_{EXT1}	3		30	VDC
U_{EXT2}	3		50	VDC
I_L	0	5	10	mA
R_{ON}			1	kΩ
R_{OFF}	1			MΩ
R_L			600	Ω
I_0	0		25	mA
U_0			27	VDC
U_{24}	23.5	24.0	24.5	VDC
I_{24}		0.55	0.8	A
I_{DC}			4	A
I_{AC}			4	A
U_{DC}			250	VDC
U_{AC}			250	VAC
P_{DC}			50	W
S_{AC}			1000	VA
u_P	85		264	VAC
P			25	W
f	47		63	Hz

Customer:	Drawing:	REV: 01
Project:	Title: **Sirel SMD (Ex) / ColorPlus (Ex)**	
PO#		
Reference:	**Connecting Diagram**	
Date:	DATE: 026/03/20 DWG BY: PRDCM	

ProDetec

Measure . Prevent . Protect . Control